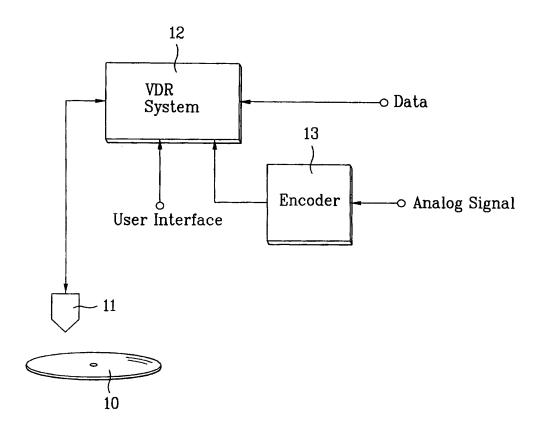
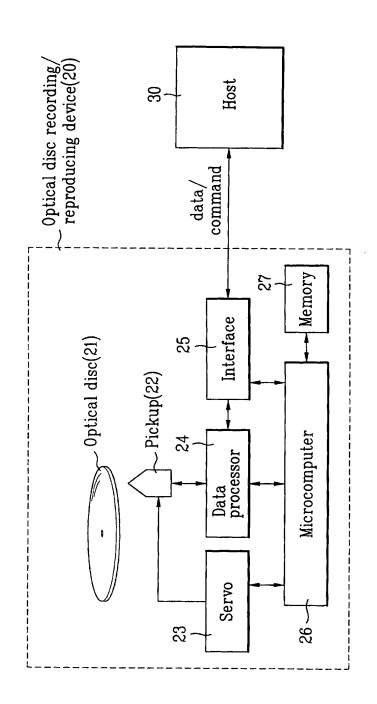
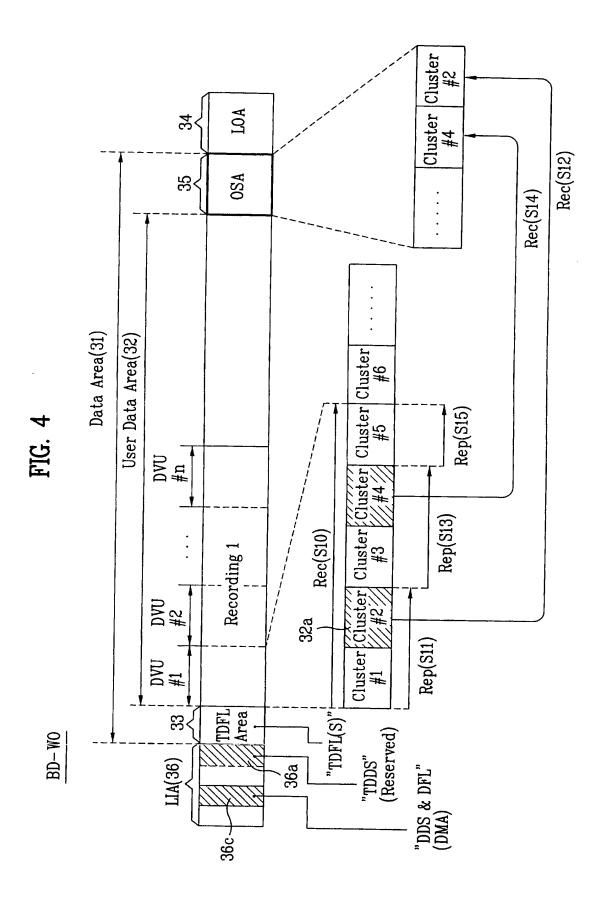
FIG. 1 Related Art



ISA: Inner Spare Area OSA: Outer Spare Area LIA: Lead-In Area LOA: Lead-Out Area LOA 0SA FIG. 2 Related Art Rec 3 Data Area Rec 2 Defect Data Rec 1 ISA BD-RE LIA



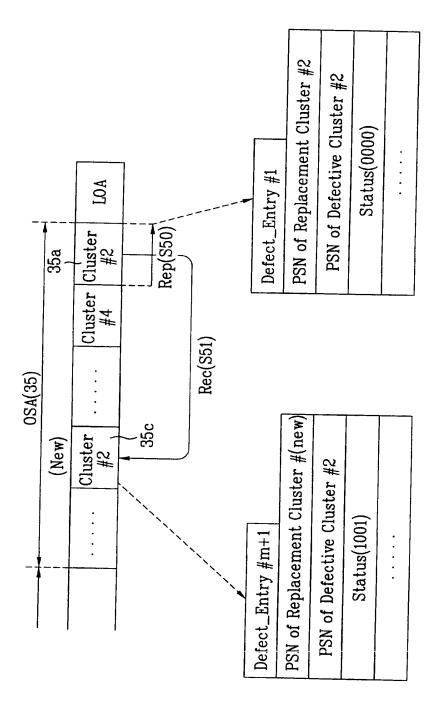


1001: Newly assigned replacement

0000: Normal replacement

FIG. 5

FIG. 6



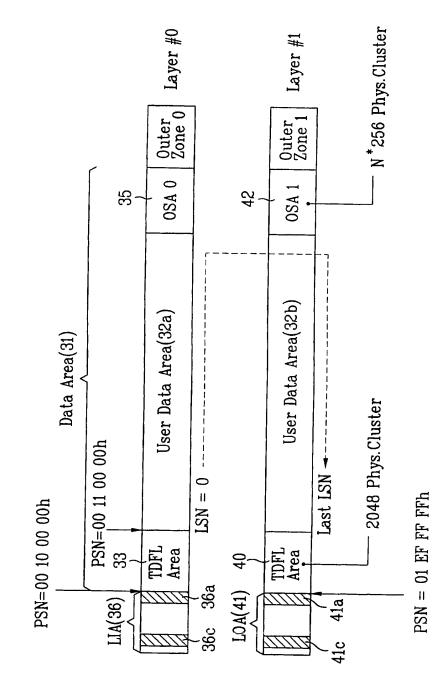


FIG. 8